





| Form PTO-1449 U.S. Department of Commerce (Rev. 2-32) Patent & Trademark Office | | Atty. Docket No. | CONT. Of Serial No.: 09/600,776 Confirmation No.: | | | |
|---|---|---------------------------------------|---|--------|---------------|---------------------------------|
| | | | Q66067 | | | |
| | | Applicant: M1YAKE, AK1RA, et al. | | | | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | Applicant: MIYAKE, AKIRA, et al. | | | |
| · | | CONT. Filing Date: October 1, 2001 | Group: | | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner Initial | Document Number | Date | Name | Class | Sub- Class | Filing Date (if appropriate) |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| Document Date | | | Country | Class | Sub-class | Translation |
| | | | Journal | O luss | Suo ciass | Yes/No |
| | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| Norm Mairi et al. "Deversible entirence inhibition of Chalter like Vv.1.1 notes iver showed averaging in invair and cities." | | | | | | |
| memory in mouse and rat" (Pro. Natl. Acad. Sci. USA, Vol. 94, pp. 4430-4434, April 1997 Cell Biology) | | | | | | |
| | Nicoletta Galeottoi, et al., "An antisense Oligonucleotide on the Mouse <i>Shaker</i> -like Potassium Channel Kvl.1 Gene Prevents Antinociception Induced by Morphine and Baclofen" (The Journal of Pharmacology and Experimental | | | | | |
| | Therapeutics, Vol 281, No. 2, pp. 941-949, 1997) Jennifer L. Masengill, et al., "Differential Expression of K _{4-AP} Currents and Kv3.1 Potassium Channel Transcripts in | | | | | |
| | Cortical Neurons that Develop Distinct Firing Phenotypes" (The Journal of Neuroscience, May 1, 1997, 17(9), pp. 3136-3147) | | | | | |
| | Shan Ping Yu, et al., "Mediation of Neuronal Apoptosis by Enhancement of Outward Potassium Current" (Science, Vol, 278, pp. 114-117, October 3, 1997) | | | | | |
| | Irwin B. Levitan and Leonard K. Kaczmarek "The Neuron" (Cell and Molecular Biology, pp. 395-423, Oxford University Press 1991) | | | | | |
| · | Kenji Sakimura, et al., "Reduced hippocampal LTP and spatial learning in mice lacking NMDA receptor ε1 subunit" (Nature, Vol. 373, pp.151-155, January 12, 1995) | | | | | |
| | Joe Z. Tsien, et al., "The Essential Role of Hippocampal CA1 NMDA Receptor-Dependent Synaptic Plasticity in Spatial Memory" (Cell, Vol. 87, pp. 1327-1338, December 27, 1996) | | | | | |
| | Bertil Hille, "Ionic Channels of Excitable Membranes, Bertil Hille/Second Edition" (Sinauer Associates, pp. 115-133, 1992) | | | | | |
| | Simon P. Aiken, et al., "Reduction of Spike Frequency Adaptation and Blockade of M-current in Rat CA1 Pyramidal Neurones by Linopirdine (DuP 996), a Neurotransmitter Release Enhancer" (British Journal of Pharmacology, pp. 1163- | | | | | |
| | 1168, 1995) Leonard Cook, et al., "Cognition Enhancement by the Acetylcholine Releaser DuP 996" (Drug Development Research, | | | | | |
| | Vol 19, pp. 301-314, 1990) Jorge D. Brioni, et al., "Linopirdine (DuP996) Facilitates the Retention of Avoidance Training and Improves Performance | | | | | |
| · · · · · · | of Septal-Lesioned Rats in the Water Maze" (Pharmacology Biochemistry and Behavior, Vol. 44, pp. 37-43. 1993) Hong-Sheng Wang, et al., "KCNQ2 and KCNQ3 Potassium Channel Subunits: Molecular Correlates of the M-Channel" | | | | | |
| \\ | (Science, Vol. 282, pp. Pp. 1890-1893, December 4, 1998) | | | | | |
| | Edward C. Cooper, et al., "Colocalization and coassembly of two human brain M-type potassium channel subunits that are mutated in epilepsy" (PNAS Vol. 97 No. 9, pp.4914-4919, April 25, 2000) | | | | | |
| | Antonio Castellano, et al, "Identification and functional characterization of a K ⁺ channel α-subunit with regulatory | | | | | |
| . | properties specific to brain," The Journal of Neuroscience, Vol. 17, No. 12, 1997, pages 4652 to 4661 Jost Ludwig, et al., "Functional expression of a rat homologue of the voltage", The EMBO Journal, Vol. 13, No. 19, 1994, | | | | | |
| | pages 4451 to 4458. | | | | | |
| | Bina Santoro, et al., "Interactive cloning with the SH3 domain of N-src identifies a new brain specific ion channel protein | | | | | |
| | with homology to Eag and cyclic nucleotide-gated channels", Proceedings of the National Academy of Sciences of the United States of America, vol. 23, No. 94 (26), (1997), pages 4451 ti 14820 | | | | | |
| - | Warmke et al., A family of potassium channel genes related to eag in Drosophilia and mammals, 1994, PNAS Vol 91, 3438-3442. | | | | | |
| Sambrook et al., Moplecular Cloning-A Laboratory Manual, 2 nd Edition, 1989, 16.20, 16.30-16.4 | | | | | | (1000) 1 D: 1 |
| Miyake, A, et al. New Ether-a-go-go K Channel Family Members Localized in Human Telecephalon (1999), J. Biol. Chem. (274), pp. 25018-25025. | | | | | | |
| EXAMINER: | Flore | | DATE CONSIDERED: | 6/17 | 103 | · · |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in | | | | | | |
| | onsidered. Include copy of this | | | | | |